

ABSTRACT

A mirror for laser application and a method for manufacturing the mirror is disclosed herein. The mirror comprises several layers including a top layer used as the mirror surface. A cooling structure including a plurality of cooler layers are providing between the top layer, several intermediate layers and a bottom layer. Connections are provided for allowing a coolant to flow within the mirror. The mirror is constructed by stacking the layers on top of one another and connecting adjacent layers together by direct copper bonding or active soldering.

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